

Preliminary Amendment dated: 28 September 2005

Title: Integrated Computer Aided Design Tool

Applicants: Conte et al.

Attorney Docket No.: 333615-00101

In the Claims

1 (Currently Amended): A Computer Aided Drafting (CAD) tool comprising:

an interface for enabling ~~said CAD tool~~ a drawing tool to ~~added on to~~ interface with an existing CAD program; the drawing tool ~~said interface~~ configured to selectively enable riser diagrams to be automatically generated from existing layout drawings created in said existing CAD programs.

2 (New) The CAD tool recited in claim 1, wherein said drawing tool is configured to enable one or more icons representing predetermined pieces of equipment to be located on a tool bar of said existing CAD program, wherein said drawing tool is configured so that said predetermined pieces of equipment are drawn on said existing layout drawings by pointing and clicking on said one or more icons on said tool bar and dragging said one or more icons to a desired location on said existing layout drawings with a pointing device.

3 (New) The CAD tool recited in claim 2, wherein said predetermined pieces of equipment include fire detection equipment.

4 (New) The CAD tool recited in claim 2, wherein said predetermined pieces of equipment include fire alarm equipment.

5 (New) The CAD tool recited in claim 2, wherein said predetermined pieces of equipment include low voltage equipment.

6 (New) The CAD tool recited in claim 5, wherein said predetermined pieces of equipment include security equipment.

7. (New) The CAD tool recited in claim 5, wherein said predetermined pieces of equipment include CCTV equipment.

8. (New) The CAD tool recited in claim 5, wherein said predetermined pieces of equipment include high voltage equipment.

9. (New) The CAD tool recited in claim 5, wherein said predetermined pieces of equipment include lighting equipment.

10. (New) The CAD tool recited in claim 1, wherein said existing CAD program is AutoCAD.

11. (New) A Computer Aided Drafting (CAD) tool comprising:

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an interface for enabling an add-on drawing tool to interface with an existing drafting program; the add-on drawing tool configured to provide additional functionality to said existing drafting program within the environment of the existing drafting program.

12 (New) The CAD tool as recited in claim 11, wherein said add-on drawing tool is configured to selectively enable riser diagrams to be automatically generated from existing layout drawings created in said existing CAD programs.

13. New) The CAD tool as recited in claim 11, wherein said add-on tool is configured to enable additional pieces of equipment to be located on layout drawings prepared using said existing drafting program.

14 (New) The CAD tool as recited in claim 13, wherein said add-on tool is configured to enable said additional pieces of equipment to be routed on said layout drawings prepared using said existing drafting program.

15. (New) The CAD tool as recited in claim 13, wherein said existing program is AutoCAD.